BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division,

No.BBMP/EE/DD/Ten/01/2015-16, Date:04.01.2016 Indent No.20386

SCHEDULE-B

NAME OF WORK: Improvements to roads and drains at Vijayalakshmi layout in Bagalagunte Ward no.14

Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor R SHIVARAM		
				In Figures (Rs.)	In Words (Rs.)	Cont. AMOUNT
1	2	3	4	5	6	7
1	Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.	Cum	93.74	79.0	Rupees Seventy Nine Only	7405.46
2	Removing B.S.Slab of drain and stacking etc., complete	Sqm	265.68	60.0	Rupees Sixty Only	15940.80
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	14.7	4767.0	Rupees Four Thousand Seven Hundred Sixty Seven Only	70074.90
4	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC Cement @220 kgs with 20 mm and down size graded granite metal course aggregates @ 0.84 cum and fine aggregates @0.56 cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well comated, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per , Specification	Sqm	4.9	5163.0	Rupees Five Thousand One Hundred Sixty Three Only	25298.70
5	Refixing stone slabs of drains and pointing in CM 1:3 etc complete	Sqm	398.52	75.0	Rupees Seventy Five Only	29889.00
6	Providing Granite slabs selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 thick	Sqm	265.68	624.0	Rupees Six Hundred Twenty Four Only	165784.32

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7	Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm	196	906.0	Rupees Nine Hundred Six Only	177576.00
8	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm	441	1504.0	Rupees One Thousand Five Hundred Four Only	663264.00
9	Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100mtr. sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications	Sqm	562.5	84.0	Rupees Eighty Four Only	47250.00
10	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work	Cum	84.38	1612.0	Rupees One Thousand Six Hundred Twelve Only	136020.56
11	Providing and applying primer coat with S.S. Bitumen emulsion on prepared surface of granular base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.6 kg / sqm using mechanical means complete as per specifications, with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work	Sqm	562.5	31.0	Rupees Thirty One Only	17437.50

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12	Providing and laying bituminous concrete with hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder and filter transporting the hot mix to work site laying with paver finisher to the required grade, level and alignment. rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORTH Speicification clause no 500.9 complete in all respects complete as per specification no 509. using 40/60 TPH Capacity H.M.P With Mechanical paver Gr-II (30 mm to 45 mm) with 6% VG-30 Bitumen	Cum	22.5	9234.0	Rupees Nine Thousand Two Hundred Thirty Four Only	207765.00
13	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading	Cum	93.74	80.0	Rupees Eighty Only	7499.20
				Total		1571205.44
				Percentage		-5.90%

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